## IAPS Rec'd PCT/PTO 24 MAY 2006

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

	TR	ANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER											
		DESIGNATED/ELECTED OFFICE (DO/EO/US)	065691-0445											
	C	CONCERNING A FILING UNDER 35 U.S.C. 371	U.S. APPLICATION NO HI LAWIT. 5 8 5.54 5 8											
		IONAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED											
		2005/055586 10/26/2005 NVENTION	10/27/2004											
		FICATION OF A JAK2 MUTATION INVOLVED IN VAQUEZ POLYG	LOBULIA											
		T(S) FOR DO/EO/US												
Apr	VAINCHENKER et al.  Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:													
1.	$\boxtimes$	This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.												
2.		This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.												
3.	$\boxtimes$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.												
4.	$^{lack}\boxtimes$	The US has been elected (Article 31).												
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371(c)(2))												
		is attached hereto (required only if not communicated by the	e International Bureau).											
		has been communicated by the International Bureau.												
		is not required, as the application was filed in the United St	ates Receiving Office (RO/US)											
6.	$\boxtimes$	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).												
		has been previously submitted under 35 U.S.C. 154(d)(4).												
7.	$\boxtimes$	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))												
		are attached hereto (required only if not transmitted by the have been communicated by the International Bureau.	international Bureau).											
		have not been made; however, the time limit for making su	ch amendments has NOT expired.											
		have not been made and will not be made.	•											
8.		An English language translation of the amendments to the claims	under PCT Article 19 (35 U.S.C. 371(c)(3)).											
9.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (Fo	rm PCT/RO/101).											
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).												
			·											
lten	ns 11 to	20 below concern other document(s) or information included:												
11.	$\boxtimes$	An Information Disclosure Statement under 37 CFR 1.97 and 1.98	3.											
12.		An assignment document for recording. A separate cover sheet in	n compliance with 37 CFR 3.28 and 3.31 is included.											
	$\boxtimes$	A preliminary amendment.												
	$\boxtimes$	An Application Data Sheet under 37 CFR 1.76.												
15.		A substitute specification.												
16.	_	A power of attorney and/or change of address letter.												
ı	$\boxtimes$	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825												
		A second copy of the published international application under 35 U.S.C. 154(d)(4).												
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).												
20.	$\boxtimes$	Other items or information: Request for Early Publication;												
Statement to Support Filing and Submission in Accordance with 37 CFR 1.821-1.825														

									Y'S DOCKET NUMBER 91-0445			
The following fees have been submitted:												
	sic natio				9	300		\$	300.00			
22. Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)  All other situations  \$200								\$	200.00			
	earch fe	e	<b></b>		· · · · · · · · · · · · · · · · · · ·							
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the												
USPTO as	an Inten	national Sea										
International Search Report prepared and provided to the Office \$400												
All other situations \$500									400.00			
				22 and 23 =				\$	900.00			
sequence	e listing	specificatio or computer itional 50 sh										
Total Sheets Extra sheets			Numbe thereof	fraction RATE nber)		ATE						
75 - 100 =		/50 =		0			\$250.00	\$	0.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))									0.00			
CLAIMS	3	NUMBER F		FILED NUMBER EXTRA		RAT	E	\$				
Total Clair	ns	42	- 20 =	22	x\$		50.00	\$	1100.00			
Independent (	Claims	7	- 3 =	4	x\$		200.00	\$	800.00			
MULTIPLE DE	PENDE	NT CLAIM	S) (if app		+\$		360.00	\$				
				TOTAL OF ABOV	E CALCI	JLA.	TIONS =	\$ \$	2800.00			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.									0.00			
					S	UBT	TOTAL =	\$	2800.00			
Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).												
				TOT	AL NATIO	ANC	L FEE =	\$	2800.00			
Publication Fe	e (37 Cl	FR 1.219 Re	equest fo	r Early Publication attache	d)			\$	300.00			
				TOTAL	FEES E	NCL	OSED =	\$	3100.00			
					Amount to be refunded:							
									charged:	_		
a. 🗌 A d	check in	the amou	nt of	to cover the above fe	es is en	clos	ed.					
b. Please charge my Deposit Account No. <u>19-0741</u> in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed.												
c.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0741. A duplicate copy of this sheet is enclosed.												
d. Eees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.												
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.												
SEND ALL C	ORRE	X IDE	Butor Ref.	# <sub>28,163</sub>								
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Customer Number: 22428 Stephen NAME									B. Maebius			
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May 24, 2006